

Title (en)

Light guide with curved profile having an area with correction dioptries

Title (de)

Lichtwellenleiter mit gekrümmtem Profil mit Korrekturdiopterzone

Title (fr)

Guide de lumière à profil courbe avec zone à dioptries de correction

Publication

EP 2713097 B1 20150812 (FR)

Application

EP 13186808 A 20131001

Priority

FR 1259255 A 20121001

Abstract (en)

[origin: EP2713097A1] The guide (2) has an elongated body made of transparent material and including a curved portion between a coupling zone and one of exit face (22) or reflection face of the body. A correction zone (12) forms diopters (16, 18) with material as that of the body. One of the diopters is arranged to refract light rays (14) from the coupling zone such that the rays reach the coupling zone or one of the faces irrespective of curve of the body. The diopter, which is met by the ray from the coupling zone, is configured for deviating the ray in a same direction as the curve of the body.

IPC 8 full level

F21V 8/00 (2006.01); **F21S 8/10** (2006.01); **G02B 6/00** (2006.01)

CPC (source: EP)

F21S 43/14 (2017.12); **F21S 43/239** (2017.12); **F21S 43/243** (2017.12); **F21S 43/249** (2017.12); **G02B 6/0035** (2013.01); **G02B 6/0045** (2013.01)

Cited by

FR3134166A1; FR3081969A1; CN117141349A; FR3026816A1; US11421845B2; WO2019229191A1

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